

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Cancelled)
2. (Currently Amended) A substantially purified polypeptide comprising ~~the~~ an amino acid sequence having at least about 98% sequence identity with the amino acid sequence of SEQ ID NO: 44,293 or a fragment thereof.
- 3-7. (Cancelled)
8. (Currently Amended) The substantially purified polypeptide of claim ~~[[7]]~~ 2, wherein said amino acid sequence ~~has at least 98% sequence identity~~ is 100% identical with the amino acid sequence of SEQ ID NO: 44,293 ~~or a fragment thereof.~~
9. (Currently Amended) The substantially purified polypeptide of claim ~~[[8]]~~ 2, wherein said amino acid sequence has at least 99% sequence identity with the amino acid sequence of SEQ ID NO: 44,293 ~~or a fragment thereof.~~
10. (Withdrawn - currently amended) A transformed plant comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence, wherein said amino acid sequence exhibits a ~~90%~~ 98% or greater identity with the amino acid sequence of SEQ ID NO: 44,293 ~~or a fragment thereof.~~
11. (Withdrawn) The transformed plant of claim 10, wherein said plant is a *Sorghum* plant.

12. (Withdrawn - currently amended) A transformed seed comprising a transformed plant cell comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence, wherein said amino acid sequence exhibits a ~~90%~~ 98% or greater identity with the amino acid sequence of SEQ ID NO: 44,293 ~~or a fragment thereof~~.

13. (Withdrawn) The transformed seed of claim 12, wherein said seed is a *Sorghum* seed.